## **EAST Search History**

| D-6       | T     |   | 1  |                     |         |                  |
|-----------|-------|---|--|---------------------|---------|------------------|
| Ref<br>#  | Hits  | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp       |
| <b>S1</b> | 1     | "20070056387".pn.   | US-PGPUB;<br>USPAT;<br>USOCR                       | OR                  | ON      | 2007/10/26 14:10 |
| S2        | 6710  | (obikawa near2 hajime).in. (tokyo near2 electric near2 power).as.   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO           | OR                  | ON      | 2007/10/26 14:11 |
| S3        | 738   | S2 and (laser light optic\$3)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO           | OR                  | ON      | 2007/10/26 14:13 |
| S4        | 80    | S3 and (rotat\$3 torque)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO           | OR                  | ON      | 2007/10/26 14:15 |
| S5        | 59    | S4 not (optical adj fiber).ab.  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO           | OR                  | ON      | 2007/10/26 14:42 |
| S6        | 2     | ("6460422").URPN.   | USPAT  | OR                  | ON      | 2007/10/26 14:24 |
| S7        | 41226 | ((torque torsion rotat\$3) near2<br>(test\$3 measur\$4 stud\$3 record\$3<br>observ\$5 sens\$3 detect\$3<br>calculat\$3 transduc\$3 identif\$3<br>monitor\$3 indicat\$3 locate locating<br>locates)) and (laser collimat\$3) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO           | OR                  | ON      | 2007/10/26 16:11 |
| S8        | 2919  | ((torque torsion) near2 (test\$3 measur\$4 stud\$3 record\$3 observ\$5 sens\$3 detect\$3 calculat\$3 transduc\$3 identif\$3 monitor\$3 indicat\$3 locate locating locates)) and (laser collimat\$3)                         | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO           | OR                  | ON      | 2007/10/26 15:08 |
| S9        | 30    | S8 and (reflect\$4 mirror) and circulator   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO           | OR                  | ON      | 2007/10/26 15:11 |
| S10       | 183   | 73/862.324.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2007/10/26 15:12 |
| S11       | 37    | S10 and (laser collimat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR                  | ON      | 2007/10/26 15:12 |

## **EAST Search History**

| S12 | 68   | (fiber near2 circulator).ab.  | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON   | 2007/10/26 17:35 |
|-----|------|---|--|----|------|------------------|
| S13 | . 14 | (non?contact\$3 near torque) and<br>S7  | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON : | 2007/10/26 15:47 |
| S14 | 18   | ("4347748").URPN.   | USPAT  | OR | ON   | 2007/10/26 15:49 |
| S15 | 11   | (US-6460422-\$ or US-6817528-\$ or US-7104133-\$ or US-4525068-\$ or US-4347748-\$ or US-6513390-\$ or US-6901815-\$ or US-6339661-\$). did. or (JP-2002022564-\$ or  | USPAT;<br>JPO                                      | OR | ON   | 2007/10/26 16:10 |
|     |      | JP-2002333376-\$ or<br>JP-2000205977-\$).did.   |  |    |      |                  |
| S16 | 7    | S15 and splitter  | USPAT;<br>JPO                                      | OR | ON   | 2007/10/26 16:10 |
| S17 | 1287 | ((torque torsion rotat\$3) near2<br>(test\$3 measur\$4 stud\$3 record\$3<br>observ\$5 sens\$3 detect\$3<br>calculat\$3 transduc\$3 identif\$3<br>monitor\$3 indicat\$3 locate locating<br>locates)) and (laser collimat\$3) | JPO  | OR | ON   | 2007/10/26 16:11 |
| S18 | 54   | ((torque torsion) near2 (test\$3 measur\$4 stud\$3 record\$3 observ\$5 sens\$3 detect\$3 calculat\$3 transduc\$3 identif\$3 monitor\$3 indicat\$3 locate locating locates)) and (laser collimat\$3)                         | JPO  | OR | ON   | 2007/10/26 16:11 |
| S19 | 11   | (US-6460422-\$ or US-6817528-\$ or US-7104133-\$ or US-4525068-\$ or US-4347748-\$ or US-6513390-\$ or US-6901815-\$ or US-6339661-\$). did. or (JP-2002022564-\$ or JP-2002333376-\$ or JP-2000205977-\$).did.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO | OR | ON   | 2007/10/26 16:25 |
| S20 | 14   | ("6339661").URPN.   | USPAT  | OR | ON   | 2007/10/26 16:37 |
| S21 | 3    | ("6226115"   "6236506"  <br>"6278547").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON   | 2007/10/26 16:38 |
| S22 | 6    | ("4347748"   "4962669"  <br>"5438882"   "5469259"   "5694216"<br>  "6057911").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON   | 2007/10/26 16:40 |
| S23 | 21   | S12 and polar\$4  | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON   | 2007/10/26 17:35 |